

GREGOR, M.

The basic research on silicates. Silikaty 5 no.1:86-88 '61.

1. Riaditel Ustavu anorganickej chemie, Slovenska akademie  
vied.

PRIEHRADNY, Stanislav, dr.; GREGOR, Mijulas, prof., inz.

On the problem of using bentonites for increasing soil fertility.  
Agrochem 2 no.2:28-33 '62.

1. Vyskumny ustav agrochemickej technologie, Bratislava (for Priehradny).  
2. Glen korespondent Slovenskej akademie vied; Ustav anorganickej chemie  
Slovenskej akademie vied, Bratislava.

GRECOR, M., dr. (Bratislava, Czechoslovakia); HIVES, L. (Bratislava, Czechoslovakia)

Potash balance in the cement shaft kilns and possibility of  
producing potash. Epitoanyag 14 no. 2:41-47 F '62.

GREGOR, M.

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GREGOR, M.

"Hydrophile property of clays and clayey minerals" by F. D. Ovcarenko.  
Reviewed by M. Gregor. Chem zvesti 16 no.3:239-240 Kr '62

1. Clen korespondent Slovenskej akademie vied.

GREGOR, Mikulas, prof., dr., inz.; IZAKOVA, Kristina, inz.

Slovak active earths (6). Chem zvesti 16 no.6:463-473 Je '62.

1. Ceskoslovenska akademie ved, Ustav anorganickej chemie  
Slovenskej akademie vied, Bratislava. 2. Clen korespondent  
Slovenskej akademie vied (for Gregor), Adresa autorov:  
Bratislava, Kollarovo namesti 2, Chemicky pavilon, Slovenska  
vysoka skola technicka

BENA, Jan, doc., inz., CSc.; GREGOR, Mikulas; BIZMAR, Jozef, inz.

Examination of the formation of sulfate sulfur in roasting Chinese molybdenite concentrate. Chem zvesti 17 no.10/11: 765-775 '63.

1. Katedra anorganickej technologie, Slovenska vysoka skola technicka, Bratislava, Kollarovo namesti 2. 2. Clen Korespondent Slovenskej akademie vied (for Gregor).

GREGOR, M.; JESENAK, V.; BICEK, D.

Effect of dolomite and dolomitic limestone on the decomposition of ammonium nitrate. Chem prum 14 no.12:619-625 D '64

1. Chair of Inorganic Technology of the Faculty of Chemistry of the Slovak Higher School of Technology, Bratislava, (for Gregor and Jesenak).
2. Chemicke zavody J. Dimitrova, Sata nad Vahom (for Bicek).

GREGOR, Mikulas

Chemical industry in Sweden. Chem prum 15 no.1:60-61 Ja '65.

1. Higher School of Technology, Bratislava.

GREGOR, M., prof. inz.; KIVES, I., inz. CSc.

Production of portland cement in shaft kiln from a charge enriched by two percent of K<sub>2</sub>O in order to acquire potassium salts. Stavivo 13 no. 1/64-1 '65.

1. Slovensk Higher School of Technology, Bratislava.

GRIGORA, O., inz.

Standardization, Automobil Cz 8 no. 4:30 Ap '64.

GREGORA, O., inz.

International standardization. Automobil Cz 8 no.5:34  
My '64.

LUKÁČ, O., MASTEK, J. and ŠTĚPČEK-HOREJŠI, F.  
Clinical experience with Czechoslovakian penicillin

Paragraph 2831 *Casopis Lekaru Českých, Prague 1949, 28/45 (1297-1300 Graphs I Tables 3*  
Amorphous penicillin o' Czechoslovakian origin was administered to 17 patients  
and 12 control subjects without inflammatory afflictions. The results were the  
same as with imported penicillin and no hyperthermia was observed.

SO: Section II Vol. 1 No. 1-6

GREGOR, O.

Certain new media in the control of bacterial diseases. Cas. lek. cesk. 89 no. 24:698-700 16 June 50. (GLML 19:4)

1. Of the Fourth Internal Clinic (Head--Prof. B. Prusik, M.D.)

GREGOR, O.

Treatment of peptic with Filatov's tissue extract. Sborn pathofysiolog.  
trav. vys. 5 no.6:357-362 1951. (CIML 23:2)

DEMANT, F.; GREGOR, O.

Scheme of Maslov's filters in pediatric ambulatoria. Pediat. listy,  
Praha 6 no.6:362-363 Nov-Dec 51. (CIML 21:5)

**GREGOR, O.; TION, F.**

**Liver function disorders in peptic ulcer. Sborn patofysiolog. trav.  
vyz. 6 no. 1-2:34-36 July 1952. (CLML 22:4)**

**1. Of the Fourth Internal Clinic (Head--Prof. B. Prusik, M. D.) of  
Charles University, Prague.**

PRUSIK, M.; GREGOR, O.; SOUKUPOVA, K.

Prothrombin level in peptic ulcer. Sborn. pathofysiolog. trav. vyz.  
6 no. 4-6:283-286 Dec 1952. (CIML 24:1)

1. Of the Fourth Internal Clinic (Head--Prof. B. Prusik, M.D.) of  
Charles University, Prague.

HYNIE, Prof. Dr; CERNAK, L., Dr; GRGOR, O., Dr; POKORNY, J., Dr

Anticoagulant therapy of priapism with pelantan in chronic myeloid leukemia. Cas.lek.cesk. 91 no.44:1259-1260 31 Oct 52.

1. Ze IV. interni kliniky (prednosta: prof. dr. Prusik) a Sexuologického ústavu (prednosta: prof. dr Hynie).

(COUMARIN, derivatives,

ethyl biscoumacetate, ther. of priapism in myeloid leukemia)

(PRIAPIST, therapy,

ethyl biscoumacetate, in myeloid leukemia)

(LEUKEMIA, MYELOCYTIC, complications,  
priapism, ther., ethyl biscoumacetate)

GREGOR, O.

NEUMAN, J.; KORELAR, O.; GREGOR, O. "Miocardial Complications in the Course of Diseases of the Bile Ducts." p. 48. (Casopis Lekaru Ceskych. Vol. 93, no. 2, Jan. 1954. Praha).

SO: Monthly List of ~~Received~~ <sup>East European</sup> Accessions, Library of Congress, Vol. 3, No. 6 June <sup>4</sup> 1953, Uncl.

GREGOR, Ota; STRIBRNA, Jar

Pathogenic problems in peptic ulcer and hypertension. Ces. lek.  
cesk. 93 no.50:1374-1377 10 Dec 54.

1. I Int. klinika (prednosta: prof. Dr M. Netousek)  
(PEPTIC ULCER,  
low incidence in hypertension)  
(HYPERTENSION,  
low incidence in peptic ulcer)

OKUQOK U MS

GRMOR, O. As. Dr.; KOHOUT, J., As. Dr.; KORBOVA, L. As. Dr.

Neuroregulatory function of stomach in various physiological and  
pathological conditions in experiments with animals and in the clinic.  
Cas. lek. cesk. 44 no.12;300-301 18 Mar 55.

1. Z I. interni kliniky; predn. prof. Dr. M. Metousek  
(CENTRAL NERVOUS SYSTEM, physiology  
stomach funct. & pathol. cond. in animals)  
(STOMACH, physiology  
role of CNS in funct. & pathol. cond. in animals)  
(PEPTIC ULCER, etiology and pathogenesis  
role of CNS)

GREGOR, Ota, MUDr.

New possibilities of functional examination of gastric secretion in practice. Sborn. lek. 57 no.7:176-190 Sept 55.

1. Asistent I. interni Kliniky. Prednosta: prof. Dr. M. Matousek.  
(GASTRIC JUICE,  
exam.)

6209. GREGOR O. *Příspěvek ke studiu změn kardiovaskulárního systému na pos-  
-trážení mechanoreceptorů žaludku u lidí; Neuroregulační činnost žaludku  
za fyziologických i patologických podmínek; část druhá. A contribution  
to the study of cardiovascular changes in response to  
stimulation of the mechanoreceptors of the stomach in  
man* ČAS. LÉK. ČES. 1956, 95, 6 (152-155) Graphs 3 Tables 1

It was found that following stimulation of the mechanoreceptors of the stomach by inflating a balloon to 250 ml., patients with peptic ulcer react with higher blood pressure changes than a control group. The differences are statistically significant. The results show a connection between the disturbed vascular reaction and stimulation of the interoceptors of the stomach in ulcer patients. It is thought that this fact is evidence of the disturbed equilibrium between the processes of excitation and inhibition in the CNS of ulcer patients.

~~PROGRESSA MEDICA~~ Sec. 6 Vol. 11/7 July 57  
~~GREGOR O.~~

4161. GREGOR O. 1. Intern. Klin., KU, Praha. Uropepsin a perniciošní anemie.  
Uropepsin in pernicious anaemia ČAS. LÉK ČES. 1956, 95 56  
(1378-1383) Graphs 1 Tables 5

The average value for uropepsin in a group of healthy individuals was 35.6 U. The uropepsin levels were investigated in 131 patients with pernicious anaemia and the average value was 2.01 U. in a control group of 19 patients with histamine-resistant acidity, but without pernicious anaemia, the average values were 7.04 U. Statistical interpretation leads to the conclusion that there is a significant difference in uropepsin levels between the group of patients with pernicious anaemia and that of healthy controls as well as between the group of subjects suffering from pernicious anaemia and those in whom only histamino-resistant acidity was found. This fact is of certain diagnostic value in establishing the diagnosis of pernicious anaemia.

EXCERPTA MEDICA Sec 2 Vol 12/5 Physiology May 59

1602. THE STABILITY OF UROPEPSIN - Gregor O. and Kalousek F.  
I. Clin. of Intern. Dis., Charles' Univ., Prague - PHYSIOL. BOHEM. 1958,  
7/3 (335-338) Tables 3

Proteolytic activity in urine remains stable for at least 3 days when the urine is stored at room temperature, and even longer when it is stored in a refrigerator. Proteolytic activity in the same specimen of acidified urine remains virtually unchanged for several hours on storing the urine in an incubator at 37° C. Activation usually occurs after 30 min., the maximum being reached in 1 hr., after which it practically does not change further. The following conclusions may be drawn for practical application: When determining uropepsin in urine, the best method is to leave the acidified urine for 60 min. in an incubator at 37° C. (if desired it can be left for 2-3 hr.). The urine can be stored in a refrigerator for 3 days, with a maximum limit of 14 days. Even when it is left for short periods at room temperature, no important changes in proteolytic activity occur. Hahn - Prague

GREGOR, Ota, kand.med.nauk (Praga)

Considerations on uropepsin [with summary in English]. Klin.med.  
37 no.2:51-59 F '59. (MIRA 12:3)

1. Iz Pervoy kliniki vnutrennikh bolezney (dir. - doktor med.nauk  
prof. M. Netoushak).  
(UROPEPSIN,  
(Rus))

GREGOR, Ota; VOLEK, Vladimir; VOSLAROVA, Zdenka

Screening for anacid states as precancerous conditions of the  
stomach. Cas.lek.cesk. 99 no.7/8:212-213 19 F. '60.

1. I. int. klinika KU v Praze, prednosta prof.dr. M. Netousek.  
(STOMACH NEOPLASMS diag.)  
(ACHYLIA GASTRICA diag.)

GREGOR,O.; SITKA,J.; BEDNAR,B.; JIRASIK,A.

Gastric biopsy in pernicious anemia. Cas. lek. cesk. 99 no.17:  
528-531 22 Ap. '60.

I. I. interni klinika KU, prednosta prof. dr. M. Netousek,  
II. interni klinika KU, prednosta prof. dr. Fr. Heres, I.  
patologicko-anatomicky ustav, prednosta doc. dr. B. Bednar.  
(ANEMIA PERNICIOUS pathol.)  
(STOMACH pathol.)

HOLY, J.; GREGOR, O.; KUCEROVA, L.; KREJCA, M.

The diagnostic value of functional changes of the gastric antrum  
Cas. lek. cesk 99 no. 32/33: 989-1000 12 Ag '60.

1. I klinika chorob vnitrnich KU v Praze, prednosta prof. dr.  
M. Netousek.

(STOMACH dis.)  
(STOMACH NEOPLASMS diag.)

MACEK, Z.; GREGOR, O.

[REDACTED]  
On the problem of the publication of textbooks for medical schools.  
Cas.lek.cesk.99 no.44:1399-1401 28 0 '60.

(PUBLISHING)  
(EDUCATION MEDICAL)

GREGOR, O.

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: MD

(5)

Affiliation:

Source: Prague, Prakticky lekar, Vol 41, No 11, 1961, pp 492-495.

Data: "Present State in the Therapy of Ulcers."

Authors: GREGOR, O. Docent, MD, First Internal Clinic of the Faculty of General Medicine, KU /Karlova university; Charles University/ (I. interni klinika fakulty vseobecneho lekarstvi KU), Prague; Director: Prof V. Hoenig, MD.

METYS, J.,MD, Research Institute of Pharmacy and Biochemistry

Vyzkumny ustav pro farmacie a biochemii, Prague;  
Director: Dr Engr O. NEMECEK.

670 981643

MR. GREGOR, O.T.A.

(36)

GREGOR, Ota

Scientific approach in medical practice. Cas.lek.cesk 100 no.19:  
586-590 12 My '61.

1. I interni klinika KU v Praze, prednosta prof. dr. V. Hoenig.

(MEDICINE)

GREGOR, O.; BEDNAR, B.; JIRASEK, A.; VOSLAROVA, Z.; HANIK, L.

The importance of achlorhydria as a functional correlation in atrophic gastritis. A contribution to the early diagnosis of cancer of the stomach. Cas. lek. cesk. 101 no.29/30:893-895 20 Jl '62.

1. I interni klinika fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr. V. Hoenig - I patologickoanatomicky ustav fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr. B. Bednar.

(STOMACH NEOPLASMS diag) (GASTRIC JUICE chem)  
(GASTRITIS chem)

GREGOR, O.; BEDNAR, B.; PAVROVSKY, J.; KOSLAROVA, Z.; JIRASEK, A.

Indication for resection of the stomach in the precancerous state.  
Contribution to early diagnosis of cancer of the stomach. Cas. lek.  
cesk. 101 no.29/30:895-899 20 Jl '62.

(STOMACH NEOPLASMS diag) (GASTRECTOMY)

VOLEK, V.; GREGOR, O.; Technicka spoluprace: PAPEZOVA, R.

Gastric lactate dehydrogenase in achlorhydria. Contribution  
to the early diagnosis of stomach cancer. Cesk. gastroent.  
vyz. 17 no.5:266-270 Jl '63.

1. I interni klinika fakulty vseobecneho lekarstvi KU v Praze,  
prednosta prof. dr. V. Hoenig, DrSc.  
(ACHLORHYDRIA) (LACTATE DEHYDROGENASE)  
(STOMACH NEOPLASMS) (ANEMIA, PERNICIOUS)  
(NEOPLASM DIAGNOSIS)

GREGOR, O.; ANDRYSEK, O.; BEDNAR, B.; VANECKOVA, O., doc. dr.; HANIK, L.;  
SISTEK, V.

Diagnosis of stomach cancer with P32. Acta univ. Carol. [med]  
(Praha): Suppl. 18: 69-75 '64.

1. I. interni klinika fakulty vseobecneho lekarstvi University  
Karlov v Praze (prednosta: prof. dr. V. Hoenig); Biofysikalni  
ustav fakulty vseobecneho lekarstvi University Karlov v Praze  
(prednosta: doc. dr. Z. Dienstbier); I. patologickoanatomicky  
ustav fakulty vseobecneho lekarstvi University Karlov v Praze  
(prednosta: prof. dr. B. Bednar) a Chirugicke oddeleni fakultni  
nemocnice II (prednosta: doc. dr. O. Vanecova).

JIRASEK, V.; GREGOR, O.

A few genealogical problems in peptic ulcer. Acta univ. Carol. [med] (Praha):Suppl. 18: 177-183 '64.

1. I. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. V. Hoenig) a I. interni klinika pediatricke fakulty University Karlovy v Praze (prednosta: prof. dr. Vl. Jedlicka).

GREGOR, Pal

It has been suggested by an innovator. Magy vasut 8 no. 9:

5 - 4. My 16.50

STER, Radoslav, inz., saradnik (Kupska 2, Zagreb); GREGOR, Stanislav, inz.,  
saradnik

Geophysical investigations of petroleum deposits in Yugoslavia.  
Tehnika Jug 17 no.6:Suppl.: Rudarstvo metalurg 13 no.6:1089-1098  
Je '62.

1. Poduzece za primenjenu geofiziku "Geofizika," Zagreb.

~~REF ID: A6510~~

Decomposition of *gem*-cyano nitroso compounds. Vojtech Cernor (Tech. Univ. Prague, Chem. Inst. 51 (1957); cf. C.A. 51, 11334a). Refluxing a soln. of 4.1 g. 1-nitrocyclohexyl cyanide (I) in 45.73 g. PhMe in a N<sub>2</sub> atm. caused at 94° a sudden exothermic reaction. The loss of the blue soln. was accompanied by a very intense evolution of NO and towards the end of the reaction (2 hrs.) resulted in decolorization. The mixt. cooled, evapd. and the volatile compds. sepd. by steam-distn. gave in the oily residue 17.65 g. tris(1-cyanocyclohexyl)hydroxylamine (II), m. 146-6.5° (from MeOH); the steam-distd. volatile products extd. with Et<sub>2</sub>O, the ext. evapd. and the residue (15.5 g.) distd. gave in the fraction b<sub>10</sub> 106-10° 7.6 g. 1-nitrocyclohexyl cyanide (III), m. 121°, m. 55.5-d° (MeOH-petr. ether). Similar treatment of 0.66 g.  $\alpha$ -nitroisobutyronitrile in 37.5 g. C<sub>6</sub>H<sub>6</sub> gave in the oily fraction 2.91 g. nitro-isobutyronitrile, b<sub>10</sub> 90-1°, m. 34-5° (petr. ether), and in the volatile fraction 3.5 g. tris(2-cyano-2-propyl)hydroxylamine, m. 70° (Et<sub>2</sub>O petr. ether). Heating soln. of 5.2 g. 1,1'-azobis(1-cyclohexyl cyanide) (IV) in 50 ml. PhMe 8 hrs. to 111° while passing a slow stream of NO dild. with N<sub>2</sub> replacing NO with N and evapg. the mixt. *in vacuo* gave 4.78 g. II; from the mother liquors was obtained 0.05 g. 1,1'-dicyano-1,1'-dicyclohexyl (V), m. 224.5-5.5° (Me<sub>2</sub>CO). Thermal decompn. of azobis(isobutyronitrile) in NO atm. proceeded in conformity with the results of Gingras and Waters (C.A. 49, 4657f). Analogous treatment of IV (4.89 g.) but in a stream of NO<sub>2</sub> dild. with N gave 1.7 g. V in the oily fraction and 2 g. III in the volatile fraction.

Vojtech Gregor

Adding portakwic 16.31 g. I to 20 ml 65%  $HNO_3$ , stirring the mixt. 15 min., cooling the spontaneously warmed blue oil to 16° and keeping 14 hrs. gave 13.75 g. III. II failed to add H when hydrogenated over  $PtO_2$  in dioxane. The mechanism of formation of the above mentioned compds. is explained on the basis of radical mechanism and the course of the reaction of azodicyno compds. with  $NO$  and  $NO_2$  is discussed.

L. J. Urbánek

3

2/2

Country	:	Czechoslovakia	
Category	:		G-2
Abstr. No.	:		45782
Author	:	Gregor, V.	
Author	:	Not given	
Title	:	The Decomposition of Geminal Cyanonitroso Compounds	
Orig. Pub.	:	Collection Czechoslov Chem Commun; 23, No 9, 1782-1787 (1958)	
Abstract	:	See RZhKhim, No 24, 1958, 81557.	

Card: 1/1

GLAVICK, VIKTOR, 1926

Head of the Department of Geodesy and Geoinformatics,  
Geodesic Observatory, Institute of Geodesy,  
Bratislava.

1. Chair of Geodesy of the Slovak Technical University,  
Bratislava.

GREGOR, V.

"Effect of Welding Parameters and Technological Conditions on the Strength of Spot Welds on Sheets of Soft Steel." p. 141 (SVARACSKY SBORNIK. Vol. 2, No. 1/2, 1953; Bratislava, Czech.)

So: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 4, April 1955, Uncl..

GREGOR, V.

Effect of short-circuit current on the carrying capacity of spot welded joints. p. 65, ZVARANIE (Ministerstvo hutneho prumyslu a rudnych bani a Ministerstvo strojarstva) Bratislava, Vol. 3, No. 3, Apr. 1954

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 4, No. 12, December 1955

GREGOR, V.

Mechanical testing of spot welded joints, p. 369, ZVARANIE (Ministerstvo hutneho prumyslu a rudnych bani a Ministerstvo strojarstvo) Baratislava, Vol. 3, No. 12, Dec. 1954

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 4, No. 12, December 1955

2000, V.

Electric resistance welding of concrete reinforcement material. p. 307.  
VIAZACSY "BWK". (Slovenska akad mie vied) Bratislava. Vol. 4, no.  
1, 1955.

PURPOSE: East European Acceoss Ions List, Vol. 6, no. 2, September 1956

Gregor, Vladimir

13620\* (Slovak.) Mechanical Properties of Bonded Joints  
of Light Metals. Mechanické vlastnosti lepených spojov  
l'ahkých kovov. Vladimír Gregor. Zedraň, v. 5, no. 4, Apr.  
1956, p. 112-113.

Foreign and Czechoslovak progress in bonding light metals.  
Mechanical properties of two adhesives. Effect of temperature  
on notch toughness of these resins when solidified. Static and  
dynamic loading tests of bonded Al alloys.

1  
Metall  
Gruet

GREGOR, V.  
Gregor, Vladimir

✓ 13623\* (Czech.) Mechanical Properties of Bonded Joints of  
Light Metals. Mechanické vlastnosti lepených spojov z  
lakých kovov. Vladimir Gregor. Zábranit, v. 5, no. 5, May  
1950, p. 141-143.

Comparison of the bonding qualities of two bonding materials,  
upon 1001 B, and 1200 F. Both adhesives resist corrosion.

notes  
M. T. L.  
S. M. L.

W. V. A.

LFH

GREGOR, V.

Strength of some automobile parts under alternating strain. p. 2.

ZVARANIE. (Ministerstvo hutneho prumyslu a rudnych bani a Ministerstvo strojarstva)  
Bratislava, Chechoslovakia, Vol. 8, no. 1, Jan. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959  
UNCL

COUNTRY	:	Czechoslovakia
CATEGORY	:	
ABS. JOUR.	:	RZhKhim., No. 1959, No. 9(51)
AUTHOR	:	Wichterle, O.; Gregor, V.
INST.	:	
TITLE	:	Addition of Dienes to Geminal Cyano-Nitroso Compounds.
ORIG. PUB.	:	Collect. Czechosl. Chem. Comms, 1959, 24, No 4, 1158-1169
ABSTRACT	:	See RZhKhim, 1958, No 8, 25211.

CARD:

150

GREGOR, Vladimir, inz.,kandidat technickych ved.

Strength properties of welded joints of steel 10523.9.  
Zvar sbor 9 no.3:277-303 '60

1. Vyskumny ustav zvaracskej, Bratislava.

23171

12500

Z/032/61/011/007/002/003  
E073/E335

AUTHOR: Gregor, V., Engineer, Candidate of Sciences  
TITLE: Strength of Welded I-beams Made of the Steel  
10523.9  
PERIODICAL: Strojírenství, 1961, Vol. 11, No. 7, pp.522-524

TEXT: Experiments were carried out on the strength of I-beams hand-welded in the middle on both flange plates and the web. Some of the beams had longitudinal, others had transverse central reinforcing ribs, 15 mm thick. Some of the beams were welded in the preheated state and some without preheating (machined or non-machined butt-welding of the flange plates). The flange plates were 40 mm thick, the thickness of the upright reinforcing rib was 15 mm, the height of beams 330 mm, their total length 1500 mm. The following variants were tried:  
1. The beams were welded without preheating with unmachined butt-welds of the flange plates and with reinforcing ribs in the transverse direction, as shown in Fig. 1a (neobrobéné - not machined; obrobéné - machined; predohrev - preheating).

Card 1/4

23171  
Z/052/61/011/007/002/005  
EO73/E335

Strength of Welded I-beams ....

2. Same as (1) but with the reinforcements welded-on longitudinally, as shown in Fig. 1b.
3. The beams were welded without preheating with machined butt-welds of the flange plates and with reinforcing ribs welded as shown in Fig. 1a.
4. Beams were welded after preheating to 350 °C with machined welds of the flange plates and reinforcements as shown in Fig. 1b.
5. Beams welded after preheating to 350 °C with machined butt-welds of the flange plates and reinforcements welded in the transverse direction as shown in Fig. 1a. The welding process was the same as is specified for welding in erection work. The tests were made by means of a hydraulic pulsator with a maximum force of 100 tons and a speed of 250 or 500 r.p.m. During the tests the distance between the supporting points was 1 200 mm. To prevent shocks in the machine the minimum load was 5 000 kg. The tests showed that with machined butt-weld a safety coefficient of 1.0 can be achieved. Only in the case of reinforcing ribs

Card 2/4

23171

Z/032/61/011/007/002/003

E073/E335

Strength of Welded I-beams ....

which are transversely welded-on will the results calculated according to the specifications correspond with the real conditions.

There are 3 figures and 3 Czech references.

ASSOCIATION: VUZ, Bratislava

X

Card 3/4

GREGOR, Vladimir, inz. CSc.

Shape stability of some welded joints of ship hulls.  
Varanie 13 no. 7:199-202 Jl '64.

1. Research Institute of Welding, Bratislava.

CZECHOSLOVAKIA

GREGOR, V.

UZEMSKY, S; KLEŠEK, J; GREGOR, V

Nuclear Research Institute, Czechoslovak Academy  
of Sciences, Rez near Prague (for all)

Prague, Collection of Czechoslovak Chemical Communi-  
cations, No 3, March 1966, pp 1261-1267

"Chemistry of Boranes. Part 2: Thin layer chroma-  
tography of non-ionic boron compounds."

L 10595-66

ACC NR: AP6004050

SOURCE CODE: CZ/0024/65/000/001/0017/0020

37  
B

AUTHOR: Gregor, Viktor (Engineer)

ORG: Department of Geodesy, SVST, Bratislava (Katedra geodezie SVST)

TITLE: Application of photogrammetry for special purposes in high mountains

SOURCE: Geodeticky a kartograficky obzor, no. 1, 1965, 17-20

TOPIC TAGS: photogrammetry, hydrology, botany, high voltage line, geographic survey

ABSTRACT: Some of the work of the Institute in the High Tatra Mountains is described. Photographic surveying has provided the basis for botanical research, for the measurement of profiles for very high voltage lines and of mountain lakes for hydrological research. Org. art. has: 7 figures and 1 table. JPRS

SUB CODE: 08 / SUBM DATE: none

UDC: 529.74:528.93

L 38703-66 EEC(k)-2/EWP(1) IJP(c) BB/GG/GD

ACC NR: AT6017139

SOURCE CODE: UR/0000/65/000/000/0197/0203

AUTHOR: Gregor, Ye.; Makhova, V.

(2)

46  
B+1

ORG: "Aritma" National Enterprise, Prague (Natsional'noye predpriyatiye "Aritma")

TITLE: "Aritma" computing-perforating machines and their uses

SOURCE: Sovet ekonomicheskoy vzaimopomoshchi. Postoyannaya komissiya po koordinatsii nauchnykh i tekhnicheskikh issledovaniy. Sredstva i metody mekhanizatsii podgotovki i poiska nauchno-tehnicheskoy informatsii, inzhenernogo i upravlencheskogo trudy (Means and methods for mechanizing the preparation and research of scientific and technical information and of engineering and control work); lektsii, prochitannyye na vystavke "Inforga-65" v maye-iyune 1965 g. Moscow, 1965, 197-203

TOPIC TAGS: computer, office machine, data processing equipment

ABSTRACT: Data processing equipment, based on 90-bit cards, is described. The efficiency of the 90-bit card is particularly stressed. The use of special "dual cards" which serve simultaneously as the primary document and data processing card is mentioned. The complete Aritma series consists of: 1. T150 alphanumeric perforator. 2. T610 alphanumeric controller for checking perforated cards. 3. T220 alphanumeric sorting machine with a capacity up to 700 cards. Speed: 60,000 operations per hour. 4. T320 alphanumeric listing machine. 5. T710 card reproducing machine. Reproduces up

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to 99 copies and corrects erroneously punched cards. 6. T720 card analyzing-reproducing machine. Reproduces cards, changes order of card column data, compares up to 20 columns of data, sorts and queues. 7. T520 computer-perforator. Relay computer, with speed of 8000 operations per hour; performs all 4 basic arithmetic operations. The data are read from punched cards and the results are punched on the same card or on another one. Several examples of the use of Aritma equipment in industry are described. [14]

SUB CODE: 09,15/ SUBM DATE: none

Card 2/2 SW

GREGOR, 2

8.1-199

551.513.2 551.513.8:523.74

2

✓ Gregor, Z. and Klivský, L. Kolísání frontální zóny v oblasti Atlantiku a Evropy během roku a ve vztahu k slunečné aktivity. [Variation of the frontal zone during the year in the area of the Atlantic and Europe in relation to solar activity.] "Meteorologické Zprávy, Prague, 5(5):122-121, 1952. 4 maps, 15 refs. English summaries p. 122, 125. DLC. English version in: Ondřejov. Astrofyzikální Observatoř, Publikace, No. 23:5-35, 1953. Russian summary p. 33-34. DWB—In certain months the mean condition of the circulation may be illustrated quite well by the mean position of a frontal zone. The position of the frontal zone is a complement of the pressure distribution. The secular variation of the mean position of frontal zone is determined and related to the solar activity expressed by EIGENSON's index  $A$  of sunspot occurrence. Especially marked effects are found for Jan., April and July. The results presented on maps are expressed as deviations from the mean frequency of frontal zones. The deviations were determined for years of minimum and maximum sunspot occurrence. Subject Headings: 1. Frontal zone variation 2. Sunspot effects 3. Circulation patterns.—Author's abstract.

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*Gregor, Zdenek*

7.8-91

551.5G9.312:551.511:551.553.8

✓ Gregor, Zdenek. Rozbor povětrnostní situace provázené orkánem na území ČSR, ze dne 17. ledna 1955. [Analysis of the meteorological situation accompanied by gale over Czechoslovakia on Jan. 17, 1955.] Meteorologické Zprávy, Prague 8(3):80-82, June 1955. 6 figs., 4 refs. Russian summary p. 80. DWB—A low-pressure area which advanced from the Bermudas to the northeast over the Atlantic Ocean regenerated over the British Isles on an Arctic front and moved over the European continent. The development of dynamic pressure changes is analyzed according to the advective dynamic method and SYCLIFFE's method and results obtained with the two methods are compared. *Subject Headings:* 1. Dynamic pressure changes 2. Advective dynamic analysis 3. Gales 4. Czechoslovakia.—*Trans. of author's abstract.*

*WV get*

GREGOR, Z.

GREGOR, Z. Long-range changes in the Atlantic-European frontal zone in relation to climate. p. 144. Vol. 9, no. 5/6, Dec. 1956.  
METEOROLOGICKE ZPRAVY. Praha, Czechoslovakia.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

GREGOR, Z.

Orographic deformation of southeast air streams in central Europe. p.3.  
(Meteorologické Zpravy, Vol. 10, No. 1, Feb. 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

GREGOR, Zdenek; VITEK, Vojtech

Waves and vorices in easterly flow in West Africa. Studia  
geophys 7 no.1:53-67 '63.

1. Hydrometeorological Institute, Prague, Komorany u Prahy,  
No.1, p. Modrany; Laboratory of Meteorology, Czechoslovak  
Academy of Sciences, Praha 4 - Sporilov, Bochi II.

GREGOR, Z., RNDr.

Atmospheric precipitation in the annual cold season in  
Czechoslovakia; extreme years. Meteor apravy 16 no.3/4:  
92-95 Ag '63.

1. Hydrometeorologicky ustav, Praha.

GREGOR, Z.

Weather in the Guinea Republic in relation to the air circulation over West Africa. Meteor. zpravy 15 no.1:1-8 F'62

1. Hydrometeorologicky ustav, Praha.

ANSCHERLIK, Arnost, inz. (Praha); GREGORA, Otakar, inz. (Praha);  
BOHM, Ferdinand (Praha).

Method and equipment for the measurement of solid particle quantity  
in flowing gases. Energetika Cz 13 no. 6:336 Je '63.

GREGORA, O., inz.

Standardization. Automobil Cz 8 no.8:34 Ag<sup>64</sup>

GREGORA, O., inz.

Remarks on the Law No.94/1964 Collection of Laws on Technical  
Standardization. Automobil Cz 8 no.9:30 S '64.

GREGORA, O., irz.

Standardization. Automobil Cz 8 no.1030 0 '64.

1948, U.S. and.

Standardization in the field of highway motor vehicles in the  
member states of the Council of Mutual Economic Assistance in the  
years 1946-1950. Automobil Gz 8 no. 1130 II '50.

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APPROVED FOR RELEASE: Thursday, July 27, 2000

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GREGORA, O., inz.

Standardization. Automobil Cz 9 no.3:30 Mr 'os.

RAKOVICH, M. [Rakovic, M.]; GREGORA, V.; VENIGOVA, G. [Venigova, H.]

Excretion of chlorine ions by irradiated rats. Radiobiologija 4  
no.5:782-783 '64. (MIRA 18:4)

1. Biofizicheskiy institut fakulteta obshchey meditsiny Karlova  
universiteta, Praga.

RABAN, P.; JIRSKA, M.; GREGORA, V.

Deiodination of rose bengal  $^{131}\text{I}$  in vitro by rat organ homogenates.  
Physiol. Bohemosl. 13 no. 5:462-466 '64.

1. Department of Biophysics, Faculty of General Medicine, and  
Laboratory for Haematology and Liver Diseases, First Medical  
Clinic, Charles University, Prague.

ONDRAČKOVÁ, J.; RAKOVIC, M.; GREGORA, V.

Effect of radiation on ion metabolism in rat salivary glands.  
Cas. lek. česk. 103 no. 11:295-298 13 Mr'64.

1. Biofyzikalni ustav fakulty vseobecneho lekarstvi KU v  
Praze; prednosta: doc.dr. Z. Dienstbier.

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L 16801-63

EWT(1)/BDS/ES(j) AFFTC/ASD AR/K

ACCESSION NR: AP3004277 S/0241/63/008/007/0068/0071

56  
55

AUTHOR: Rakovich, M.; Gregora, V.

TITLE: Radiosodium excretion in rats after total irradiation

SOURCE: Meditinskaya radiologiya, v. 8, no. 7, 1963, 68-71

TOPIC TAGS: sodium excretion, total irradiation, Na, sodium

ABSTRACT: This investigation was carried out because other studies contradict one another. Edelman describes an increase in sodium excretion and Bowers and Scott describe a decrease. Three groups of rats were totally x-irradiated by a "Makrofos" unit in doses of 1000, 600, and 200 r. 24 hrs prior to irradiation the animals were injected intraperitoneally with 2 microcuries of  $Na^{22}$  in a 0.2 ml physiological solution. After irradiation the animals received their normal rations of food and water. A large volume gamma detector (constructed by the Institute) with six Geiger-Mueller tubes was used to determine total activity of the animals. Urine and feces were collected daily. A large volume counter was used to measure the activity of urine samples. The feces were weighed, burned, and activity was measured with a Geiger-Mueller end-window counter. It was

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found that after total x-irradiation excretion of  $\text{Na}^{22}$  for 600 and 1000 r doses is significantly retarded, but it is not retarded for 200 r. In the urine the change in  $\text{Na}^{22}$  excretion is caused by its considerable retardation. In the feces the daily amount of sodium excreted is much smaller than in the urine because of the general decrease in feces excretion after irradiation. The author agrees with the findings of Bowers and Scott, but not with their explanation. Bowers and Scott theorize that the organism has the capacity to regulate kidney excretions when there is significant sodium loss resulting from diarrhea. But this is contrary to the findings of this investigation because the sodium excreted with the feces does not increase. The author points out that the organism does not receive sodium after irradiation because of loss of appetite and this may be an important factor. The effect of loss of appetite, the capacity of the organism to regulate kidney excretion, and sodium concentration in the blood plasma should be determined for further clarification of decreased sodium excretion after irradiation. Orig. art. has: 4 tables, 3 figs.

ASSOCIATION: Fakul'tet obshchey meditsiny\* Biofizicheskogo  
instituta Karlova Universiteta, Prague (General Medicine Faculty of  
the Biophysics Institute of Charles University)

Card 2/32

RABAN, F.; GREGORA, V.

Purification and purity control of substantive azo dyes by adsorption chromatography. Chem prum 14 no.7:359-362 J1 '64.

J. Institute of Biophysics, Faculty of General Medicine, Charles University, Prague.

JIRSA, M.; RABAN, P.; GREGORA, V.

Adsorption chromatography of water-soluble dyes used in biology and medicine. Cas. lek. cesk. 104 no.7:195-197 19 F'65.

1. Laborator pro patofyziologii krvetvorne soustavy a jater fakulty vseobecneho lekarstvi Karlovy University v Praze pri I. interni klinice, (prednosta: prof. dr. V. Hoenig); Bio-fyzikalni ustav fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: doc. dr. Z. Dienstbier).

DUCHON, J.; GREGORA, Vl.; PECHAN, Zd.

On melanins and melanogenesis. Acta univ. carol. [med.] Suppl. 14:  
279-289 '61.

1. II, ustavu pro lekarskou chemii fakulty vseobecneho lekarstvi  
University Karlovy v Praze, prednosta prof. dr. J. Sula Onkologicky  
ustav v Brne, biochemicke oddeleni vedouci dr. Zb. Brada.  
(MELANIN chem) (MELANOMA chem)

ZDNEK GREGORA

GREGORA, ZDNEK

Changes in alkali-resistant hemoglobin in infants with whooping cough. Stanislav Hájek, Zdeněk Gregora, Eduard Mück, and Rudolf Kryl (Ústav výtěžného lékařství LFHKKU, Prague). Časopis lékařů českých 96, 109-13 (1987).—Changes were studied in 7-18 month old infants. A relation was found between the amt. of alkali-resistant hemoglobin and the state of the subjects at a given time.

A. Zeplick

4

GREGOR, Z.

Atmospheric precipitation in the vegetative period in Czechoslovakia;  
extreme years. Meteor zpravy 15 no.2:29-33 '62.

1. Hydrometeorologicky ustav, Praha.

HAJEK, S.; GREGORA, Z.; STEFAN, J.; KRAL, Z.; CHYBA, J.; RUZICKA, L.;  
DOBRKOVSKY, M.; DOLEZALOVA, J.

Analysis of 147 fatal thermic injuries. Acta chir. plast. 5  
no. 3: 193-204 '63.

1. Medical Faculty of Hygiene, Charles University, Prague  
(Czechoslovakia) Department of Pathology and Forensic Medicine  
Director: Doc. J. Stolz, M.D. Department of Health Organization,  
Medical Faculty of Hygiene, Prague Director: Prof. F. Blaha,  
M.D. The Burns Unit of the Clinic of Plastic Surgery, Charles  
University, Prague Director: Academician F. Burian.  
(BURNS) (MORTALITY) (PATHOLOGY)  
(ACCIDENT PREVENTION)

GREGORA, Z.

Liver damage in burns. Acta chir. plast. 5 no.3:211-219 '63.

1. Institute of Forensic Medicine, Medical Faculty of Hygiene,  
Charles University, Prague (Czechoslovakia) Director: Stanislav  
Hajek, M.D.  
(BURNS) (LIVER DISEASES)  
(SHOCK, TRAUMATIC) (PATHOLOGY)

GREGORAC, F.

Separation of lead and zinc ore in the Kezic Mine. p.1747. TEHNIKA.  
Beograd. Vol. 10, no.12, 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress  
Vol. 5, No. 6, June 1956

The Wemco flotation installation in Mexica, Prag  
Gregorac, Z. Erzbergbau u. Metallhüttenw. 9, 428-30(1950).  
The ores are galena, Zn blende, white lead ore, and Zn  
spar. Flotation methods are described H. Stoerz.

GREGORASZCZUK, M. : ZURAWSKI, L.

Centrifugal Blowers in Cupola Furnaces, p. 206.

PRZEGIAD ODLEWNICTWA (Stowarzyszenie Techniczne Odlewikow Polskich)  
Krakow, Poland  
Vol. 9, no. 7, July 1959.

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 11,  
November 1959.  
Uncl.

GREGORASZCZUK, Miroslaw, mgr., inz.

Calculation of the pressure drop in the cupola furnace.  
Przegl odlew 11 no.11:329-335 '61.

GREGORASZCZUK, Miroslaw, mgr. inz.

Indicating the shaking mechanism of a pneumatic molding machine.  
Przegl idlew 13 no. 8/9:206-212 Ag-3 '63.

GREGORAUSKAS, M.; LURIE, U., red.; PAKERYTE, O., tekhn. red.

[Soviet Lithuanian agriculture, 1940-1960] Tarybu Lietuvos  
zemes ūkis, 1940-1960. Vilnius, Valstybine politines ir mok-  
slines literaturos leidykla, 1960. 462 p. [In Lithuanian]  
(MIRA 15:1)  
(Lithuania—Agriculture)

L 6536-66 EWT(1)/FS(v)-3 DD<sup>1</sup>  
ACC NR: AP5027168 SOURCE CODE: PO/0056/65/016/005/0727/0737

AUTHOR: Jozkiewicz, S. — Yuzkovich, S. (Professor, Doctor, Director); Puchalik, M. —  
Puchalik, M. (Professor, Doctor, Director); Cygan, Z. — Tsygan, Z.; Drozdz, M. —  
Drozhdzh, M.; Gregorczyk, J. — Gregorczyk, Ya.; Grzesik, J. — Gzhesik, Ya.; Krzoska, K. —  
Khoska, K.; Lewandowska-Tokarz, A. — Levandowska-Tokazh, A.; Stanosek, J. —  
Stanosek, Ya.; Zak, T. — Zhak, T.

ORG: Institute of Physiological Chemistry, Silesia AM, Zabrze-Rokitnica (Zaklad Chemii  
Fizjologicznej Sl. AM); Institute of Medical Physics, Silesia AM, Zabrze-Rokitnica (Zaklad  
Fizyki Lekarskiej Sl. AM)

TITLE: Investigation of the effect of sonic and ultrasonic fields on biochemical processes.  
IX. Effect on some blood components in men working under noisy conditions

SOURCE: Acta physiologica polonica, v. 16, no. 5, 1965, 727-737

TOPIC TAGS: human physiology, working condition, man, medical experiment, biologic  
vibration effect, sound, ultrasonic field, acoustic biologic effect

ABSTRACT: The levels of blood glucose, pyruvic acid, ascorbic acid, proteins, protein  
fractions, nonprotein nitrogen, phospholipid phosphorus, and the activities of aminotrans-  
ferase and aldolase were determined in 80 persons to study the effect of noisy working condi-  
tions on the workingman. The test subjects were employed in a large industrial establishment

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and exposed to vibration and noise. All were in relatively good health. The control group consisted of workers in the same factory, but not exposed to a noisy environment. The results showed the following: a decrease in blood sugar, phospholipid phosphorus, and ascorbic acid; an increase in protein, albumin, and nonprotein nitrogen. The gamma globulin, however, showed a decrease. There was a slight increase in aspartic aminotransferase and alamine aminotransferase, and a slight decrease in aldolases. The results of determinations of other components studied, different from those in guinea pigs, are discussed. Orig. art. has: 9 tables.

SUB CODE: PH, LS / SUBM DATE: 09Nov64 / ORIG REF: 000 / OTH REF: 021

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Card 2/2

REF ID: A6521

Contributions of the Slovenian industry to the supply of equipment for Yugoslav electric industries. p. 45, ELEKTRARIVNE. (Zajednica jugoslovenika elektroprivrede) Beograd. Vol. 9, no. 8, Aug. 1956.

SOURCE: East European Acquisitions List, (EAL), Library of Congress, Vol. 5, no. 12, December 1956

STANOSEK, J.; BOJARSKI, Z.; JAHNS, K.; GREGORCZYK, J.; MODZELEWSKA, H.

Gamma-glutamyl transpeptidase activity and serum bilirubin digluconide level in viral hepatitis and their comparison with other liver tests. Pol. tyg. lek. 20 no.38:1407-1409 20 S '65.

1. Z Kliniki Chorob Zakaznych Slaskiej AM w Bytomiu (Kierownik: prof. dr. med. Karol Szymonski) i z Katedry i Zakladu Chemii Fizjologicznej Slaskiej AM w Zabru-Rokitnicy (Kierownik: prof. dr. Stanislaw Jozkiewicz).

STANGSEK, Jozef; GREGORZYK, Janusz; LEWANDOWSKA-TOKARZ, Anna

Studies on the effect of prolonged vertical vibrations of low frequency on biochemical disorders in guinea pigs. I. Effect on the activity of alanine and aspartate aminotransferase in the blood serum and liver of the guinea pig. Med. dosw. mikro-biol. 16 no.4:7-353 '64.

1. Z Katedry i Zakladu Chemii Fizjologicznej Slaskiej Akademii Medycznej w Zabrze-Rokitnicy (Kierownika prof. dr. S. Jozkiewicz).

GREGORIC, Fedor, inz.

Practical tests on the influence of corrosion on aerial  
aluminum and steel conductors. Elektroprivreda 17 no. 2:  
80-83 F '64.